

3. Carefully pull the string back through the frame routing the new cable through the same path as the old cable.
4. Remove the tape and untie the string from the cable and the frame.
5. Reverse Steps 1-7 of *Removal*, noting the following.
6. Apply grease to the pivot bushing in the throttle lever cover and to the throttle lever.
7. Install the throttle lever, spring and rubber seal as shown in **Figure 38**.
8. Operate the throttle lever and make sure the carburetor throttle linkage is operating correctly and with no binding. If operation is incorrect or there is binding carefully check that the cable is attached correctly and there are no tight bends in the cable.
9. Adjust the throttle cable as described in Chapter Three.
10. Test ride the ATC and make sure the throttle is operating correctly.

### CHOKE CABLE (ATC125M)

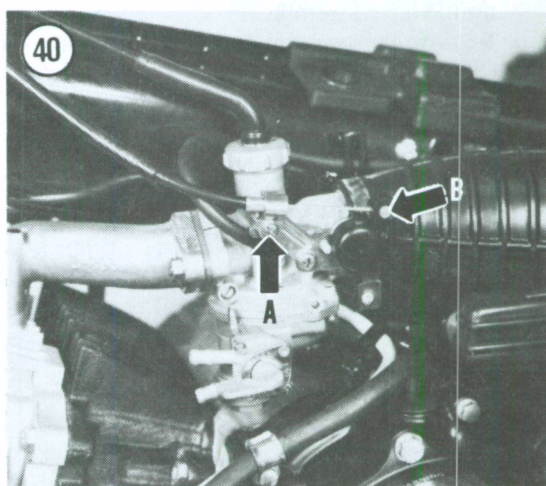
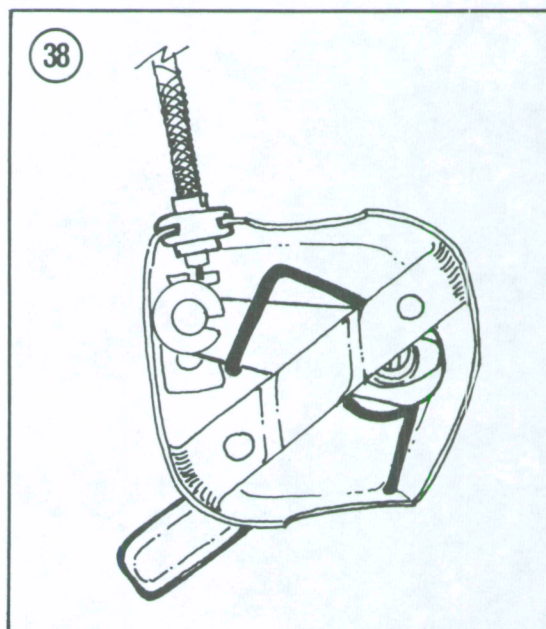
#### Removal/Installation

1. Place the ATC on level ground and set the parking brake.
2. Remove the seat/rear fender assembly.
3. Remove the fuel tank as described in this chapter.
4. Loosen the choke cable nut (**Figure 39**) securing the choke knob assembly to the handlebar upper holder and remove the cable from the holder.
5. Remove the clamping screw and clamp (A, **Figure 40**) securing the choke cable to the carburetor body.
6. Unhook the cable end (B, **Figure 40**) from the lever on the carburetor body.

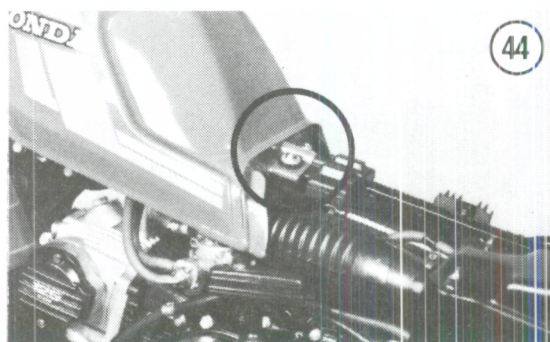
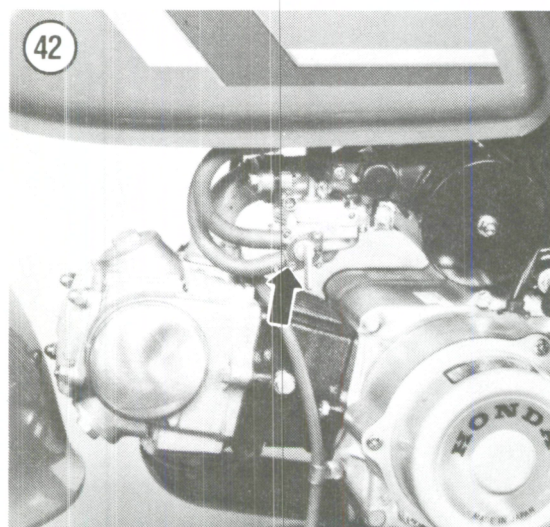
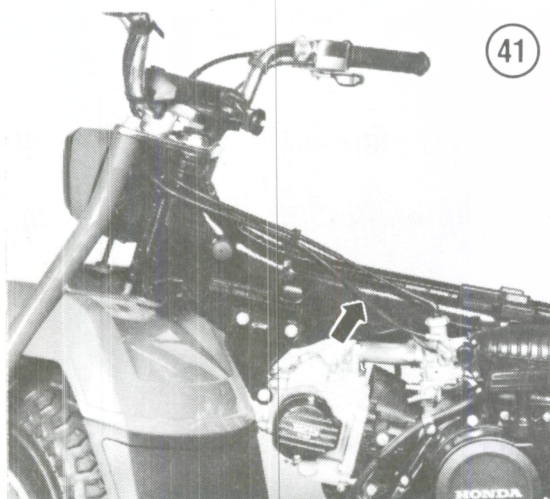
#### NOTE

*The piece of string attached in the next step will be used to pull the new choke cable back through the frame so it will be routed in the same position as the old cable (**Figure 41**).*

7. Tie a piece of heavy string or cord (approximately 6-8 ft./2-3 m long) to the carburetor end of the choke cable. Wrap this end with masking or duct tape. Do not use an excessive amount of tape as it will be pulled through the rubber grommet during removal. Tie the other end of the string to the frame.
8. At the handlebar end of the cable, carefully pull the cable (and attached string) out through the







frame (Figure 41). Make sure the attached string follows the same path that the cable does through the frame.

9. Remove the tape and untie the string from the old cable.

10. Lubricate the new cable as described in Chapter Three.

11. Tie the string to the new choke cable and wrap it with tape.

12. Carefully pull the string back through the frame routing the new cable through the same path as the old cable.

13. Remove the tape and untie the string from the cable and the frame.

14. Attach the choke cable to the carburetor choke lever.

15. Attach the choke cable to the handlebar upper holder and tighten the nut.

16. Operate the choke lever and make sure the carburetor choke linkage is operating correctly and with no binding. If operation is incorrect or there is binding carefully check that the cable is attached correctly and there are no tight bends in the cable.

17. Install the fuel tank and seat/rear fender assembly.

## FUEL TANK

### Removal/Installation

1. Place the ATC on level ground and set the parking brake or block the wheels so the vehicle will not roll in either direction.

2. Remove the seat/rear fender assembly.

3. Disconnect one fuel line (Figure 42) at a time from the fuel shutoff valve and plug with a golf tee (Figure 43). Perform this step on both fuel lines.

4A. On ATC90 models, unhook the rubber strap securing the rear of the fuel tank. Pull the tank up and toward the rear and remove the tank.

4B. On all other models, remove the bolt(s) securing the rear of the fuel tank (Figure 44). Pull the tank up and toward the rear and remove the tank.

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